

REMARKS

The application as amended herein contains four independent claims, i.e., **claims 1, 8, 12 and 16**. Claims 1, 8 and 12 have been revised in the manner suggested by the Examiner to gain allowance. **Claim 16** and its sole dependent claim (18) have already been allowed (see paragraph 8 in the FAO). Independent claim 19 has been canceled, and dependent claim 17 was canceled previously.

**Claim 1** has been amended to include the "intermediate communication unit" limitation formerly contained within claim 6. In paragraph 9 of the FAO, the Examiner stated that such a revision would make claim 1 allowable. Claims 6 and 7 were then amended to recite further limitations, yet still depend from claim 1 as do claims 2-5. Claim 1 and its dependent claims (2-7) are thus now all directed to an "injector system" having first, second and intermediate communications units.

**Claim 8** has also been amended to include an "intermediate communication unit." Claim 8 and its dependent claims (9-11) are now all directed to a "system for use with an MRI scanner," the system having an "injector control unit" with integral first communication unit, a "system controller" with integral second communication unit, and an "intermediate communication unit."

**Claim 12** has also been amended to include an "intermediate communication unit." Claim 12 and its dependent claims (13-15) are

now all directed to a "communication system for use with an MRI imaging system," the communication system having a "first communication unit positioned on an interior side of the isolation barrier," a "second communication unit positioned on an exterior side of the isolation barrier," and "intermediate communication unit."

No new matter has been added to any of the claims by virtue of this *Rule 116 Amendment After Final Office Action*.

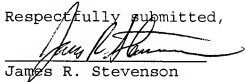
In view of the foregoing amendments and the Examiner's earlier determinations, Applicants believe that the allowance previously granted to claims 16 and 18 can now be extended to claim groupings 1-7, 8-11, and 12-15. Before entry of this *Rule 116 Amendment*, the application contained eighteen (18) claims, five (5) of which independent. After entry, the application will contain seventeen (17) claim, four (4) of which independent.

#### CONCLUSION

Given the foregoing, Applicants respectfully request withdrawal of the pending objections and rejections and allowance be granted to all of the pending claims (i.e., claims 1-16 and 18.

If the Examiner has any questions regarding this Rule 116 Amendment After Final Office Action, he is invited to call the undersigned at the telephone number listed below.

Respectfully submitted,



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